Instructor: Professor Neena Kaushik

Office hours (in AT 203): Mondays: 3:15 to 4:15 p.m.
Wednesdays: 10 to 11 a.m.
and by appointment

Email: kaushikneena@fhda.edu

Course website: http://www.deanza.edu/faculty/kaushikneena

Lecture: 12:30 - 2:10 p.m. in AT 312(1:30 – 1:35 p.m. break) (Mondays & Wednesdays)
Lab: 2:15 - 2:40 p.m. in AT 312 (Mondays & Wednesdays)

Assignment due date: October 1

<table>
<thead>
<tr>
<th>Part</th>
<th>Points</th>
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<tbody>
<tr>
<td>Program works correctly</td>
<td>25</td>
</tr>
<tr>
<td>Output with three test cases</td>
<td>25</td>
</tr>
<tr>
<td>Comments and variable names properly used</td>
<td>20</td>
</tr>
<tr>
<td>Header</td>
<td>20</td>
</tr>
<tr>
<td>Program and output sheets are stapled properly</td>
<td>10</td>
</tr>
<tr>
<td>Total</td>
<td>100</td>
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</tbody>
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1) Please submit your program in hard copy along with the output
2) Please use comments in your program. Please name the variables so that they indicate what the variable does in the program. A maximum of 20 points will be deducted if variable names and comments are not used properly.
3) Please include the following header in your program. A maximum 20 points will be deducted for the header not being present in the program.

/*****************************/
** Program written by: Your name
** Inputs: List the inputs to the program
** Outputs: List the outputs from the program
** What the program does: Say what the program does
/*****************************/
ASSIGNMENT 1

Write a C program which prompts the user 5 times for their assignment scores and reads them. It prints all the scores on a single line. Then it prints the average of the scores. If the 5 assignment scores were 100, 100, 90, 100, and 100, the output should be:

Your 5 assignment scores are 100.0, 100.0, 90.0, 100.0, and 100.0.
The average is 98.0.

a) You will use printf and scanf 5 times each to read the 5 assignment scores.
b) Accept the assignment scores as floating point numbers.
c) Print the average as a floating point number.
d) You have to print the average and the assignment scores with only one place after the decimal.
e) Submit 3 test cases for your program, i.e, you have to run the program 3 times with 3 different inputs, get the output, and then submit it.